

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : **BEECHAM INC**

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(72)Inventor : **IBRAHIM NADER**

SODANO JEANETTE L

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(54) NEW COMPOSITION

(57)Abstract:

PURPOSE: To obtain a toothpaste composition comprising a relatively large amount of water-soluble alkali metal tripolyphosphate at high pH, excellent in storage stability and useful for preventing dental calculus and plaque.

CONSTITUTION: This toothpaste composition comprises at least 4wt.% water-soluble alkali metal tripolyphosphate as anti-calculus and 5-60wt.% dental abrasive other than sodium pyrophosphate (e.g. silica) and further preferably a phosphatase enzyme inhibitor containing a fluoride ion source. The composition is obtained by mixing these ingredients with a thickener, a binder, a humectant, a surfactant, a sweetener, a flavorizing agent, etc., and preparing the mixture in a composition having pH8-10. An oral hygienic composition having anti- calculus and anti-plaque activity is obtained by adding a non-cationic antibacterial compound to the above ingredients containing the tripolyphosphate.